

Tropical Treehouse

Project Learning Tree Activity #49

Program of Studies

English Language Arts:

- ELA-P-I-1 (Pose questions to obtain ideas and information for authentic purposes.)
- ELA-P-I-2 (Identify research tools.)
- ELA-P-I-3 (Use appropriate research tools to locate information and ideas for authentic tasks.)
- ELA-P-I-3 (Use appropriate research tools to locate information and ideas for authentic tasks.)
- ELA-P-T-1 (Explore and use technology to access ideas and information for authentic tasks.)
- ELA-P-T-2 (Explore and use technology as a means of communication.)
- ELA-4-R-3 (Utilize features and organizational patterns to interpret transactive reading materials (informational, practical/workplace, and persuasive).)
- ELA-4-W-3 (Write transactive pieces (writing produced for authentic purposes and audiences beyond completing an assignment to demonstrate learning) based on personal experiences, reading, listening, observing, and/or inquiry.)
- ELA-4-W-6 (Identify and apply characteristics of effective writing in producing and discussing their own work, including awareness of audience and purpose, organization, idea development, and standards of correctness (e.g., mechanics, grammar, spelling).)
- ELA-4-I-1 (Identify information and resources needed to address student-developed questions.)
- ELA-4-I-2 (Take notes from research.)
- ELA-4-I-3 (Use technology as a research tool to explore and gather ideas and information for authentic tasks.)
- ELA-4-T-1 (Use technology to access ideas and information.)
- ELA-4-T-2 (Explore technology as a means of communication.)
- ELA-5-R-4 (Employ reading strategies to locate and apply ideas and information for inquiry projects and other authentic tasks.)
- ELA-5-W-3 (Write transactive pieces (writing produced for authentic purposes and audiences beyond completing an assignment to demonstrate learning) which develop ideas for authentic audiences and purposes.)
- ELA-5-I-1 (Develop questions to obtain ideas and information for authentic tasks.)
- ELA-5-I-2 (Identify types of resources for a variety of tasks and select resources appropriate for specific tasks.)
- ELA-5-I-3 (Explore research tools to gather ideas and information for a variety of authentic tasks.)
- ELA-5-T-1 (Use technology to access ideas and information.)
- ELA-5-T-2 (Explore technology as a means of communication.)
- ELA-6-R-6 (Employ reading strategies (e.g., skimming, scanning) to locate and apply information in varied print and non-print (e.g., computers, electronic media, interviews) sources for inquiry projects and other authentic tasks.)

- ELA-6-W-3 (Use information from technology and other resources to produce writing that develops and supports independent ideas and contains source citations.)
- ELA-6-I-1 (Develop questions to obtain ideas and information for authentic tasks.)
- ELA-6-I-2 (Identify different types of resources to accomplish a variety of tasks.)
- ELA-6-I-3 (Explore and use research tools to gather information and ideas for authentic tasks.)
- ELA-6-T-1 (Use technology to access ideas and information for authentic tasks.)
- ELA-6-T-2 (Explore technology as a means of communication.)
- ELA-7-R-7 (Employ reading strategies (e.g., skimming, scanning) to locate and apply information in varied print and non-print (e.g., computers, media, interviews) resources for inquiry projects and other authentic tasks.)
- ELA-7-I-1 (Develop effective questions to obtain ideas and information and access resources to address those questions.)
- ELA-7-I-2 (Identify the most appropriate resources to accomplish different tasks.)
- ELA-7-I-3 (Follow a logical plan of inquiry to complete tasks.)
- ELA-7-I-4 (Use research tools to gather and organize ideas and information from library, personal, and community resources.)
- ELA-7-T-1 (Use appropriate technology to access ideas and information for authentic tasks.)
- ELA-7-T-2 (Use technology to enhance communication for authentic audiences and purposes.)
- ELA-8-I-1 (Follow a logical, organized plan of inquiry to learn and to complete tasks.)
- ELA-8-I-2 (Evaluate the appropriateness of resources and of ideas and information gained through inquiry.)
- ELA-8-T-1 (Use the most appropriate technology to access ideas and information for authentic tasks.)

Science:

- S-4-LS-7 (Organisms' patterns of behavior are related to the nature of organisms' environments. There are many different environments (e.g., deserts, rain forests) on Earth that support different types of organisms.)
- S-8-LS-4 (Investigate and analyze populations and ecosystems.)

Social Studies:

- SS-P-GC-2 (Understand and begin to apply rights and responsibilities in relation to the community.)
- SS-4-CS-4 (Recognize how tensions and conflict can develop between and among individuals, groups, and institutions.)
- SS-4-CS-5 (Analyze strategies and ways to achieve conflict resolution.)
- SS-5-GC-1 (Recognize the basic purpose of democratic governments including the establishment of order, security, and the attainment of common goals.)
- SS-5-GC-3 (Understand that, in a democratic society, citizens have rights and responsibilities.)
- SS-5-GC-4 (Explore the rights and responsibilities of citizens in real-life situations.)
- SS-6-GC-2 (Analyze how governments reflect and impact culture.)
- SS-6-GC-3 (Examine the relationship between governments and the rights of individuals.)

Music:

- **AH-P-M-1** (Respond to music with minimal attention given to the elements of music (rhythm, melody, form, harmony, timbre, dynamics, tempo).)
- **AH-4-M-1**(Students will use elements of music (rhythm, melody, form, timbre, harmony, tempo, dynamics) while performing, singing, instrument playing, moving, listening, reading, writing, and creating.)
- **AH-5-M-1**(Students will express elements of music (rhythm, melody, form, timbre, harmony, tempo, dynamics) through singing, instrument playing, moving, listening, reading, writing, and creating.)

Core Content

Reading:

- RD-E-4.0.6 (Locate and apply information for authentic purposes.)
- RD-M-4.0.11 (Locate and apply information for a specific purpose (e.g., following directions, completing a task).)

Writing:

- WR-E-1.4 (*Transactive writing* is informative/ persuasive writing that presents ideas and information for authentic audiences to accomplish realistic purposes like those students will encounter in their lives.)
- WR-M-1.4 (*Transactive writing* is informative/ persuasive writing that presents ideas and information for authentic audiences to accomplish realistic purposes like those students will encounter in their lives.)

Science:

- SC-E-3.3.2 (The world has many different environments. Distinct environments support the lives of different types of organisms. When the environment changes, some plants and animals survive and reproduce, and others die or move to new locations.)
- SC-M-3.5.1 (A population consists of all individuals of a species that occur together at a given place and time. All populations living together and the physical factors with which they interact compose an ecosystem.)

Social Studies:

- SS-E-1.1.3 (The basic purposes of the government of the United States are the establishment of order, security, the protection of the rights of individuals, and the attainment of common goals as specifically listed in the Preamble to the U.S. Constitution.)
- SS-E-1.3.3 (In order for a democratic form of government to function, citizens must play an active and responsible role (e.g., participating in election process, obeying the law).)
- SS-E-2.4.1 (As cultures emerge and develop, conflict and competition (e.g., disagreements, arguments, stereotypes, prejudice) may occur.)
- SS-E-2.4.2 (Compromise and cooperation are tools for social interaction.)
- SS-E-4.4.4 (People may have different perspectives concerning the use of land (e.g., building developments, cutting down rain forest for farming).)
- SS-M-1.1.2 (Democratic governments function to preserve and protect the rights (e.g., voting), liberty, and property of their citizens by making, enacting, and enforcing appropriate rules and laws (e.g., constitutions, laws, statutes).)
- SS-M-2.4.1 (Conflict and competition (e.g., political, economic, religious, ethnic) may occur as cultures emerge and develop.)
- SS-M-2.4.2 (Compromise and cooperation are possible choices for positive social interaction and resolution of conflict.)

Arts and Humanities:

- AH-E-1.1.32 (Tempo: slow, fast. (1.14, 2.24).)

- AH-E-1.1.34 (Harmony: unison, parts, intervals, tonality (major, resting “home” tone).)
- AH-E-1.1.37 (Dynamics: soft (piano), medium soft (mezzo piano), medium loud (mezzo forte), loud (forte) (1.14, 2.24).)